

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions of claims in the application:

1. (original) A lubricant injector comprising:
a body containing a reciprocal piston for dispensing lubricant from the body;
a pin extending from the piston through an opening in the body; and
a sealing assembly in said opening surrounding the pin for sealing against leakage of lubricant from the body along the pin;
said sealing assembly comprising a low-pressure sealing member in sealing contact between the pin and the body, said low-pressure sealing member being effective for sealing at low pressures, and a high-pressure sealing member in sealing contact between the pin and the body, said high-pressure sealing member being effective for sealing at pressures higher than said low-pressure sealing member.
2. (original) A lubricant injector as set forth in claim 1 wherein the low-pressure sealing member has an annular shape with an inner edge in sliding sealing contact with the pin and an outer edge in sealing contact with a surface of the body at least partially defining said opening.
3. (original) A lubricant injector as set forth in claim 2 wherein the low-pressure sealing member is generally flat.
4. (original) A lubricant injector as set forth in claim 2 wherein the high-pressure sealing member has an annular shape with an inner surface in sliding sealing contact with the pin and an outer surface in sealing contact with said surface of the body.
5. (original) A lubricant injector as set forth in claim 4 wherein the high-pressure sealing member is a cup seal having a base, an outer annular rim extending from the

base defining said outer surface, and an inner hub extending from the base spaced inward from the rim and defining said inner surface.

6. (original) A lubricant injector as set forth in claim 5 wherein the low-pressure sealing member and the high-pressure sealing member are disposed in face-to-face contact.

7. (original) A lubricant injector as set forth in claim 6 wherein the pin extends from an end of the body.

8. (original) A lubricant injector as set forth in claim 7 wherein the pin is oriented vertically and the high-pressure sealing member is positioned below the low-pressure sealing member.

9. (original) A lubricant injector as set forth in claim 4 wherein the low-pressure sealing member is made of nylon.

10. (original) A lubricant injector as set forth in claim 4 wherein the high-pressure sealing member is made of polyurethane.

11. (original) A lubricant injector as set forth in claim 4 further comprising a stop, an outer end of the pin being engageable with the stop for limiting stroke of the piston.

12. (original) A lubricant injector as set forth in claim 4 wherein the low-pressure sealing member and the high-pressure sealing member are press fit in the opening.

13. (original) A method of sealing a lubricant injector, the injector having a body containing a reciprocal piston for dispensing lubricant from the body and a pin extending from the piston through an opening in the body, the method comprising the steps of:

installing a low-pressure annular sealing member in position surrounding the pin in said opening such that an inner edge of the low-pressure sealing member is in sliding sealing contact with the pin and an outer edge of the low-pressure sealing member is in sealing contact with a surface of the body at least partially defining said opening, said low-pressure sealing member being effective for sealing at low pressures; and

installing a high-pressure annular sealing member in position surrounding the pin in said opening such that an inner surface of the high-pressure sealing member is in sliding sealing contact with the pin and an outer surface of the high-pressure sealing member is in sealing contact with said surface of the body, said high-pressure sealing member being effective for sealing at pressures higher than said low-pressure sealing member.

14. (original) A method of sealing a lubricant injector as set forth in claim 13 wherein said step of installing a low-pressure sealing member includes placing the low-pressure sealing member in face-to-face contact with the high-pressure sealing member.

15. (original) A method of sealing a lubricant injector as set forth in claim 13 wherein said step of installing a low-pressure sealing member comprises press fitting the low-pressure sealing member into the opening.

16. (original) A method of sealing a lubricant injector as set forth in claim 13 wherein said step of installing a high-pressure sealing member comprises press fitting the high-pressure sealing member into the opening.

17. (new) A lubricant injector as set forth in claim 1 wherein said opening has a counterbore defining a chamber, and wherein the low-pressure sealing member and the high-pressure sealing member are both positioned within said chamber.

18. (new) A lubricant injector as set forth in claim 1 wherein the low-pressure sealing member has a generally flat, disk shape with a flat top surface facing away from the injector body, a flat bottom surface facing toward the injector body, an inner edge sized for tightly surrounding the pin and forming a fluid-tight seal thereon, and an outer edge shaped and sized for engaging a surface of the body and forming a fluid-tight seal thereon.

19. (new) A lubricant injector as set forth in claim 18 wherein said top surface, bottom surface, inner edge, and outer edge define the entire shape of said low-pressure sealing member and constitute its only surfaces.